

What is claimed is:

1. A method of moving a media sheet through an image forming device comprising the steps of:

rotating a first driving device and moving the media sheet through the first driving device;

forming a buckle in the media sheet as a leading edge contacts a second driving device;

rotating the second driving device and moving the media sheet through the second driving device;

rotating the second driving device at a first speed and moving the media sheet into a transfer nip;

rotating the transfer nip at a second speed slower than the first speed and forming a second buckle in the media sheet;

moving the media sheet through the transfer nip and electrostatically

tacking the media sheet to the transport belt; and

moving the transport belt and moving the media sheet through at least one downstream transfer nip while adhered to the transport belt.

2. The method of claim 1, further comprising rotating the second driving device in a reverse direction when the leading edge contacts the second driving device.

3. The method of claim 1, further comprising contacting the leading edge against the second driving device when the second driving device is stationary.

4. The method of claim 1, comprising concurrently driving the media sheet in the second driving device and the transfer nip.

5. The method of claim 4, further comprising maintaining the media sheet in a slackened state while moving through the transfer nip.

6. The method of claim 1, further comprising transferring a toner image to the media sheet at the transfer nip.

7. The method of claim 1, further comprising moving the media sheet a distance  
5 along the transport belt before electrostatically tacking the media sheet to the transport belt.

8. A method of moving a media sheet through an image forming device comprising the steps of:

10 moving the media sheet through a first driving device;  
forming a buckle in the media sheet as the media sheet moves through a transfer nip downstream from the first driving device; and  
transferring a toner image to the media sheet at the transfer nip and simultaneously electrostatically tacking the media sheet to the transport belt.

15 9. The method of claim 8, further comprising rotating the transport belt and moving the media sheet through a downstream transfer nip and overlapping a second toner image of a different color over the toner image.

20 10. The method of claim 9, further comprising positioning the media sheet in a slackened state while moving through the transfer nip.

11. The method of claim 8, wherein the step of transferring a toner image to the media sheet at the transfer nip comprises transferring a black toner image to the  
25 media sheet.

12. The method of claim 8, further comprising moving the media sheet a distance along the transport belt prior to moving the media sheet through the transfer nip.

13. A method of moving a media sheet through an image forming device comprising the steps of:

positioning the media sheet in a slackened state and moving the media sheet through a metering nip;

5 moving the media sheet through the metering nip to a transfer nip;

positioning the media sheet in the slackened state and moving the media sheet through the transfer nip;

while moving through the transfer nip, transferring a toner image to the media sheet; and

10 while moving through the transfer nip, electrostatically tacking the media sheet to a transport belt.

14. The method of claim 13, further comprising maintaining a position of the media sheet relative to the transport belt and transferring a second color toner

15 image to the media sheet as the media sheet and transport belt are moving through a second transfer nip.

15. A method of moving a media sheet through an image forming device comprising the steps of:

rotating a first driving device in a forward direction and moving the media

5 sheet through the first driving device;

forming a buckle in the media sheet as a leading edge contacts a metering nip;

rotating the metering nip in the forward direction and moving the media sheet through the metering nip;

10 rotating the metering nip at a first speed and moving the media sheet to a first transfer nip;

rotating the first transfer nip at a second speed slower than the first speed while moving the media sheet through the first transfer nip and forming a second buckle in the media sheet;

15 while moving the media sheet through the first transfer nip, transferring a toner image in a first color to the media sheet;

while moving the media sheet through the first transfer nip, electrostatically tacking the media sheet to the transport belt; and

maintaining a position of the media sheet relative to the transport belt and  
20 transferring a second toner image in a second color to the media sheet as the media sheet and transport belt are moving through a second transfer nip.

16. The method of claim 15, wherein the step of transferring the toner image in the first color to the media sheet, comprises transferring a black image to the  
25 media sheet.

17. The method of claim 15, wherein the step of rotating the first driving device in the forward direction and moving the media sheet through the first driving device comprises picking the media sheet from an input tray.

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18. The method of claim 15, wherein the step of rotating the first driving device in the forward direction and moving the media sheet through the first driving device comprises moving the media sheet through a duplex path back towards a primary imaging path.

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19. A method of moving a media sheet through an image forming device comprising the steps of:

forming a first buckle in the media sheet as it moves through a first roller;

forming a second buckle in the media sheet as it is moved by the first

10 roller into a transfer nip;

electrostatically tacking the media sheet to a transport belt as the media sheet is moving through the transfer nip; and

transferring a toner image to the media sheet as the media sheet is moving through the transfer nip.

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20. The method of claim 19, further comprising moving the media sheet a distance along the transport belt prior to electrostatically tacking the media sheet to the transport belt.

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